-	638	(bur\$4 mark\$3 or fingerprint\$4 or embed\$4	USPAT;	2004/06/01
		or identification or identifier hid\$4	US-PGPUB;	16:47
		obscur\$4 obfuscat\$4 watermark\$4 mask\$3)	EPO; JPO;	
		same (pld fpga lpa lpd pda ic circuit) same watermark\$3	DERWENT; IBM TDB	
_	379	(bur\$4 mark\$3 or fingerprint\$4 or embed\$4	USPAT;	2004/06/01
	3,3	or identification or identifier hid\$4	US-PGPUB;	16:52
		obscur\$4 obfuscat\$4 watermark\$4 mask\$3)	EPO; JPO;	
		same (pld fpga lpa lpd pda ic circuit)	DERWENT;	
		same watermark\$3 same (generat\$4	IBM TDB	
		process\$4)		
	71	(bur\$4 mark\$3 or fingerprint\$4 or embed\$4	USPAT;	2004/06/01
		or identification or identifier hid\$4	US-PGPUB;	16:53
		obscur\$4 obfuscat\$4 watermark\$4 mask\$3)	EPO; JPO;	
		same (pld fpga lpa lpd pda ic circuit)	DERWENT;	•
		same watermark\$3 same (generat\$4	IBM_TDB	
		process\$4) and (configur\$5 initializ\$3		
		initialization) same (pld fpga lpa lpd pda ic circuit)		
	69	pda ic circuit; (bur\$4 mark\$3 or fingerprint\$4 or embed\$4	USPAT;	2004/06/01
_	09	or identification or identifier hid\$4	US-PGPUB;	18:21
		obscur\$4 obfuscat\$4 watermark\$4 mask\$3)	EPO; JPO;	· = - • = =
		same (pld fpga lpa lpd pda ic circuit)	DERWENT;	
1		same watermark\$3 same (generat\$4	IBM TDB	
		process\$4) and (configur\$5) same (pld	_	
		fpga lpa lpd pda ic circuit)		
_	3	("5542034" "5838583" "6074428").PN.	USPAT	2004/06/01
				17:28
_	783542	(pld fpga lpa lpd pda circuit) same	USPAT;	2004/06/01
		(generat\$4 process\$4 apply\$4) same	US-PGPUB;	18:30
		(watermark\$3 identifier identification	EPO; JPO;	
		identify\$3 mark tag signal)	DERWENT;	
1	1,600,60	(-1-1 f 1 11 ndo ginguit) rith	IBM_TDB USPAT;	2004/06/01
-	169868	(pld fpga lpa lpd pda circuit) with (configuration or configur\$4)	US-PGPUB;	18:29
		(configuration or configurat)	EPO; JPO;	10.25
1		×.	DERWENT;	
			IBM TDB	
_	87458	((pld fpga lpa lpd pda circuit) same	USPAT;	2004/06/01
	0.120	(generat\$4 process\$4 apply\$4) same	US-PGPUB;	18:29
İ		(watermark\$3 identifier identification	EPO; JPO;	
1		identify\$3 mark tag signal)) and ((pld	DERWENT;	
		fpga lpa lpd pda circuit) with	IBM_TDB	
		(configuration or configur\$4))		
-	547893	(pld fpga lpa lpd pda circuit) with	USPAT;	2004/06/01
		(generat\$4 process\$4 apply\$4) with	US-PGPUB;	18:37
		(watermark\$3 identifier identification	EPO; JPO;	
		identify\$3 mark tag signal)	DERWENT;	
	2005	/	IBM TDB USPAT;	2004/06/01
	3006	(control\$4 protect\$4) with (program\$4 software) with (configur\$5 initializ\$5)	US-PGPUB;	18:34
		software) with (configures initializes) with (pld fpga lpa lpd pda circuit)	EPO; JPO;	10.01
		with (bid ibda iba ibd baa ciicait)	DERWENT;	
			IBM TDB	
-	1514	((control\$4 protect\$4) with (program\$4	USPAT;	2004/06/01
1	1214	software with (configur\$5 initializ\$5)	US-PGPUB;	18:33
		with (pld fpga lpa lpd pda circuit)) and	EPO; JPO;	
		((pld fpga lpa lpd pda circuit) with	DERWENT;	
		(generat\$4 process\$4 apply\$4) with	IBM TDB	
1		(watermark\$3 identifier identification		
		identify\$3 mark tag signal)) and ((pld		
		fpga lpa lpd pda circuit) with		
		(configuration or configur\$4))		
_	3444327	((control\$4 protect\$4) with (program\$4	USPAT;	2004/06/01
		software application) with (configur\$5	US-PGPUB;	18:40
	1	initializ\$5) with (pld fpga lpa lpd pda	EPO; JPO;	
		circuit)) and (distribut\$4 apply\$4)	DERWENT;	
		same (watermark watermark\$3 identifier	IBM_TDB	
		identification identify\$3 mark tag	}	
		signal) same(embed\$4 bur\$4 hid\$4 obfuscat\$4) (region array zone location)		
		opiuscat\$4) (region array zone location)	L	1

_	135	((control\$4 protect\$4) with (program\$4	USPAT;	2004/06/01
	155	software application) with (configur\$5	US-PGPUB;	18:45
		initializ\$5) with (pld fpga lpa lpd pda	EPO; JPO;	
		circuit)) and (distribut\$4 apply\$4)	DERWENT;	
		with (watermark watermark\$3 identifier	IBM_TDB	
		identification identify\$3 mark tag		
		signal) with (region array zone location)		
-	15	((control\$4 protect\$4) with (program\$4	USPAT;	2004/06/01
		software application) with (configur\$5	US-PGPUB;	18:40
		initializ\$5) with (pld fpga lpa lpd pda	EPO; JPO;	
	200	circuit)) and (distribut\$4 apply\$4)	DERWENT;	
		same (watermark watermark\$3 identifier identification identify\$3 mark tag	IBM_TDB	
		signal) same(embed\$4 bur\$4 hid\$4		
		obfuscat\$4) same (region array zone		
		location)		
_	98	((pld fpga lpa lpd pda circuit) with	USPAT;	2004/06/01
		(generat\$4 process\$4 apply\$4) with	US-PGPUB;	18:54
	}	(watermark\$3 identifier identification	EPO; JPO;	
		identify\$3 mark tag signal)) and	DERWENT;	
		((control\$4 protect\$4 copyright	IBM_TDB	
		prohibit\$4) with (program\$4 software		
		application) with (configur\$5 initializ\$5		
) with (pld fpga lpa lpd pda circuit))		
		and (distribut\$4 apply\$4) with (watermark watermark\$3 identifier		
		identification identify\$3 mark tag		
		signal) with (region array zone location)		
_	28		USPAT;	2004/06/01
		watermark\$4	US-PGPUB;	19:13
		, ,	EPO; JPO;	
			DERWENT;	1
			IBM_TDB	
-	4	("5222134" "5490216").PN.	USPAT;	2004/06/01
			US-PGPUB;	19:14
			EPO; JPO;	
			DERWENT; IBM TDB	
_	0	epo795809	USPAT;	2004/06/01
		epo/93009	US-PGPUB;	19:14
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	epo-795809	USPAT;	2004/06/01
			US-PGPUB;	19:14
			EPO; JPO;	
			DERWENT;	
	0	one 70590¢ did	IBM_TDB	2004/06/01
1 -		epo-79580\$.did.	USPAT; US-PGPUB;	19:14
			EPO; JPO;	1 + 2 · 1 3
			DERWENT;	
			IBM TDB	
_	0	epo-795809\$.did.	USPAT;	2004/06/02
			US-PGPUB;	12:06
			EPO; JPO;]
			DERWENT;	
			IBM_TDB	1
-	3	"5915017" and (decrypt\$4 with key)	USPAT;	2004/06/02
1			US-PGPUB;	12:24
			EPO; JPO;	
			DERWENT;	
_	5	"6421817"	IBM_TDB USPAT;	2004/06/02
_]	0441017	US-PGPUB;	12:44
		,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	9.
L		<u> </u>	 –	• • • • • • • • • • • • • • • • • • • •

-	2	"6625794"	USPAT; US-PGPUB;	2004/06/02 12:47
			EPO; JPO;	
			DERWENT;	,
	6	"5970142"	<pre>IBM_TDB USPAT;</pre>	2004/06/02
_	0	~5970142~	US-PGPUB;	13:44
			EPO; JPO;	10
			DERWENT;	
		6266117 HDDN	IBM_TDB USPAT	2004/06/02
-	0	6366117.URPN.	USPAT	2004/06/02 12:49
_	8	("5081675" "5321704" "5388157"	USPAT	2004/06/02
		"5705938" "5914616" "5970142"	,	12:49
	_	"6118869" "6212639").PN.		
-	0	6356637.URPN.	USPAT	2004/06/02 13:03
_	12	("5349249" "5388157" "5406627"	USPAT	2004/06/02
		"5426378" "5768372" "5970142"		13:03
		"6052600" "6118869" "6150837"		
	F 2 2 2	"6151393" "6151677" "6175247").PN.	HCDAM.	2004/06/02
-	5399	(dispers\$4 scatter\$4 distribut\$4) with (element pattern) with (memory rom	USPAT; US-PGPUB;	2004/06/02 13:47
		program\$4)	EPO; JPO;	13.17
			DERWENT;	
			IBM_TDB	0004/00/00
-	649	(dispers\$4 scatter\$4 distribut\$4) with	USPAT; US-PGPUB;	2004/06/02 13:49
		(element pattern) with (memory rom program\$4) and (fpga pld pla pal eepld	EPO; JPO;	13.42
		lca epld fpla pda (programmable with	DERWENT;	
		(logic or device)))	IBM_TDB	
_	144	(dispers\$4 scatter\$4 distribut\$4) with	USPAT;	2004/06/02
		(element pattern) with (memory rom program\$4) and ((fpga pld pla pal eepld	US-PGPUB; EPO; JPO;	15:19
		lca epld fpla pda (programmable with	DERWENT;	
		(logic or device))) with (configuration	IBM_TDB	
		configur\$4))	110000	2004/06/02
_	4	("6150863" "6233205" "6239611" "6314539").PN.	USPAT	2004/06/02
_	11	("RE34363" "5260610" "5260611"	USPAT	2004/06/02
		"5450360" "5469003" "5550782"		14:46
		"5680363" "5757207" "5761099" "5778439" "5809257").PN.		
	300	((fpga pld pla pal eepld lca epld fpla	USPAT;	2004/06/02
		pda (programmable with (logic or	US-PGPUB;	15:20
		device))) with (generat\$4) with	EPO; JPO;	
		(watermark fingerprint bitstream mask\$3))	DERWENT; IBM TDB	
_	20	 ((fpga pld pla pal eepld lca epld fpla	USPAT;	2004/06/02
		pda (programmable with (logic or	US-PGPUB;	16:28
		device))) with (generat\$4) with	EPO; JPO;	
		(watermark fingerprint bitstream mask\$3))	DERWENT; IBM TDB	
_	5	and decrypt\$4 ("Re34363" "5684980" "5802290"	USPAT	2004/06/02
		"5838167" "6094063").PN.		16:20
-	4	("Re34363" "5430687" "5844829"	USPAT	2004/06/02
_	65	"6020757").PN. ((fpga pld pla pal eepld lca epld fpla	USPAT;	16:22 2004/06/02
	55	pda (programmable with (logic or	US-PGPUB;	16:28
		device))) with (generat\$4) with	EPO; JPO;	
		(watermark fingerprint bitstream mask\$3	DERWENT;	
_	45	key)) and decrypt\$4 (((fpga pld pla pal eepld lca epld fpla	IBM_TDB USPAT;	2004/06/02
	4,5	pda (programmable with (logic or	US-PGPUB;	16:29
		device))) with (generat\$4) with	EPO; JPO;	
		(watermark fingerprint bitstream mask\$3	DERWENT;	
		key)) and decrypt\$4) not (((fpga pld pla pal eepld lca epld fpla pda	IBM_TDB	
		(programmable with (logic or device)))		
		with (generat\$4) with (watermark		
		fingerprint bitstream mask\$3)) and		
	1	decrypt\$4)	l	

Search History 6/4/04 2:05:04 PM

Page 20

Search Hi	•	/4/04 2:05:04 PM Page 21 aces\09650788.wsp	Best Av	ailab
-	0	<pre>with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3)) and encryt\$4</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06, 17:02
_	0	<pre>((generat\$4) with (key fingerprint bit) with delay with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3)) and encryt\$4</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06, 17:02
_	18	fluctuat\$3)) ((generat\$4) with (key fingerprint) with delay with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3))	IBM_TDB USPAT;	2004/06,
-	334	bit) with delay with (transistor circuit)) and (voltage with (differen\$3	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06,

				00011051
	10	((((fpga pld pla pal eepld lca epld fpla pda (programmable with (logic or device))) with (generat\$4) with (watermark fingerprint bitstream mask\$3 key)) and decrypt\$4) not (((fpga pld pla pal eepld lca epld fpla pda	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/02 16:35
	1	(programmable with (logic or device))) with (generat\$4) with (watermark fingerprint bitstream mask\$3)) and decrypt\$4)) and (key with ("not" "no") with (stor\$4 memory)) ((((fpga pld pla pal eepld lca epld fpla pda (programmable with (logic or device))) with (generat\$4) with (watermark fingerprint bitstream mask\$3 key)) and decrypt\$4) not (((fpga pld pla pal eepld lca epld fpla pda (programmable with (logic or device))) with (generat\$4) with (watermark fingerprint bitstream mask\$3)) and	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/02 16:36
-	8717	<pre>decrypt\$4)) and (("not" "no") near2 (stor\$4 memory) with (requir\$4 need\$4)) (("not" "no") near2 (stor\$4 memory) with (requir\$4 need\$4))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 16:37
	22	((key) near2 ("not" "no") near2 (stor\$4 memory sav\$4) with (requir\$4 need\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 . 16:46
_	18	((key) near2 ("not" "no" without) near2 (stor\$4 memory sav\$4) with (requir\$4 need\$4)) and (key) same (power-on power-up power\$4 reset\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 16:53
_	238	((generat\$4) with (key) with delay with circuit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 16:55
-	238	((generat\$4) with (key) with delay with (transistor circuit))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/02 16:56
_	18	<pre>((generat\$4) with (key) with delay with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3))</pre>	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/02 16:59
-	334	((generat\$4) with (key fingerprint bit) with delay with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/02 17:02
-	18	((generat\$4) with (key fingerprint) with delay with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/02
_	0	((generat\$4) with (key fingerprint bit) with delay with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3)) and encryt\$4	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 17:02
-	0	<pre>((key fingerprint bit) with delay with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3)) and encryt\$4</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 17:02

_	9	<pre>((key fingerprint bit) with (delay time) with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3))</pre>	USPAT; US-PGPUB; EPO; JPO;	2004/06/02 17:14
		and encryt\$4	DERWENT; IBM_TDB	
i –	0	((generat\$4) same (key fingerprint bit data) same (delay time) with (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3)) and encryt\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/06/02 17:15
	9	((generat\$4) same (key fingerprint bit data) same (delay time) same (transistor circuit)) and (voltage with (differen\$3 fluctuat\$3)) and encryt\$4	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 17:16
-	10	((generat\$4) same (key fingerprint bit data) same (delay time)) and (voltage with (differen\$3 fluctuat\$3)) and encryt\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 17:17
	10	((generat\$4) same (key fingerprint bit data) same (delay time)) and (voltage with (differen\$3 fluctuat\$3)) and encryt\$4 and (count\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/06/02 18:44
_	6	("3798605" "4128874" "4956769" "5018096" "5065429" "5469564").PN.	USPAT	2004/06/02
-	8019	((apply\$4 or generat\$4 or input\$4 or distribut\$4 or insert\$4) near2 (hidden or watermark\$3 or fingerprint\$4 or embed\$3 or id or identification or bit)) with (application or software or program\$4 configur\$5) and @ad<19990830	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/02
	743	((apply\$4 or generat\$4 or input\$4 or distribut\$4 or insert\$4) near2 (hidden or watermark\$3 or fingerprint\$4 or embed\$3 or id or identification or bit identifier tag\$4)) with (application or software or program\$4 configur\$5) and (configuration configur\$3 programming program) with (fpga pld pla pal eepld lca epld fpla pda (programmable with (logic or device))) and @ad<19990830	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/02
	504	((apply\$4 or generat\$4 or input\$4 or distribut\$4 or insert\$4) near2 (hidden or watermark\$3 or fingerprint\$4 or embed\$3 or id or identification or bit identifier tag\$4)) with (application or software or program\$4 configur\$5) and (configuration configur\$3 programming program) with (fpga pld pla pal eepld lca epld fpla pda (programmable with (logic or device))) same (watermark bit signal embed\$3 hidden hid\$3) and @ad<19990830	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/02
-	0	((apply\$4 or generat\$4 or input\$4 or distribut\$4 or insert\$4) near2 (hidden or watermark\$3 or fingerprint\$4 or embed\$3 or id or identification or bit identifier tag\$4)) with (application or software or program\$4 configur\$5) and (configuration configur\$3 programming program) with (fpga pld pla pal eepld lca epld fpla pda (programmable with (logic or device))) same (watermark bit signal embed\$3 hidden hid\$3) and (embed\$4 with watermark) and @ad<19990830	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/02

	22	((apply\$4 or generat\$4 or input\$4 or	USPAT;	2004/06/04
		distribut\$4 or insert\$4) near2 (hidden	US-PGPUB;	11:11
		or watermark\$3 or fingerprint\$4 or	EPO; JPO;	
		embed\$3 or id or identification or bit	DERWENT;	
		identifier tag\$4)) with (application or	IBM TDB	
		software or program\$4 configur\$5) and		
	1	(configuration configur\$3 programming		
		program) with (fpga pld pla pal eepld		
		lca epld fpla pda (programmable with		
		(logic or device))) same (watermark bit		
		signal embed\$3 hidden hid\$3) and	-	
		(embed\$4 with (watermark signal bit)) and		
		@ad<19990830		
_	91	"4821233"	USPAT;	2004/06/04
		1021233	US-PGPUB;	11:17
			EPO; JPO;	1 + + + + /
			DERWENT;	
			IBM TDB	
_	1	"4821233" and (determin\$4 find\$4 check\$4	USPAT;	2004/06/04
	+	verify\$4) with transistor with ((turn\$4	US-PGPUB;	12:17
		near on) (power\$4 near (up on)))	EPO; JPO;	
		lical on, (powert liear (ap on,))	DERWENT;	
			IBM TDB	
_	8891	(determin\$4 find\$4 check\$4 verify\$4)	USPAT;	2004/06/04
		with (file document) with (size larg\$3	US-PGPUB;	12:19
		small\$3 big\$3 bit byte)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	10724	(determin\$4 find\$4 check\$4 verify\$4	USPAT;	2004/06/04
		compar\$3) with (file document) with	US-PGPUB;	12:19
		(size larg\$3 small\$3 big\$3 bit byte)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	549	((determin\$4 find\$4 check\$4 verify\$4	USPAT;	2004/06/04
		compar\$3) with (file document) with	US-PGPUB;	12:19
	*	(size larg\$3 small\$3 big\$3 bit byte))	EPO; JPO;	
		same key	DERWENT;	
			IBM TDB	